

Converting Colors

CIELCh(66, 21.531, 247.512)

Have a look what the booklet for
CIELCh(66, 21.531, 247.512)
contains.

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Color

CIELCh(66, 21.511, 247.323)

Conversions

Conversions Part 1

Format	Color
Hex	77A6C3
RGB	119, 166, 195
RGB Percent	47%, 65%, 76%
CMY	0.5318, 0.3475, 0.2337
CMYK	0.39, 0.15, 0.00, 0.23
HSL	203°, 39%, 62%
HSV	203°, 39%, 77%
XYZ	31.2659, 35.3238, 57.0409
YIQ	155.2530, -37.3210, -0.9450

Conversions

Conversions Part 2

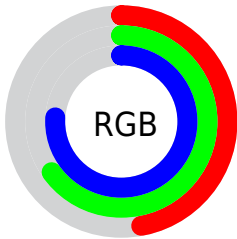
Format	Color
R _Y B	119, 148, 195
Decimal	7841475
CIE Lab	66.00, -8.29, -19.85
CIE LCh	66, 21.511, 247.323
Yxy	35.3238, 0.2529, 0.2857
Android (android.graphics.Color)	4286031555 (0xFF77A6C3)
YUV	155.2530, 19.5953, -31.7939
Hunter-Lab	59.4338, -10.1071, -15.2992

Details

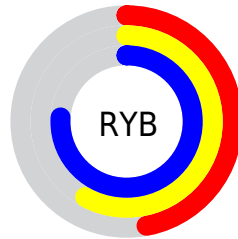
The CIELCh color `66, 21.511, 247.323` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `65, 26.117, 58.093`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 21.601, 247.947`, and `46, 21.428, 247.330` is the 20% darker color. If you saturate the color by 10%, you get `63, 26.365, 249.637`, and if you desaturate by 10%, it is `69, 16.336, 245.433`.

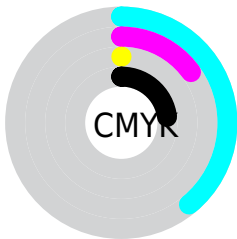
Distribution



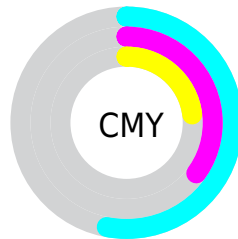
- Red (47%)
- Green (65%)
- Blue (76%)



- Red (47%)
- Yellow (58%)
- Blue (76%)



- Cyan (39%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)





- Cyan (53%)
- Magenta (35%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.511, 247.323 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 21.511, 247.323 by changing the saturation by 10% instead.


 66, 21.511,
247.323


 66, 21.511,
247.323


 100, 21.511,
247.323


 56, 21.511,
247.323


 86, 21.511,
247.323

 46, 21.511,
247.323


 96, 21.511,
247.323

 36, 21.511,
247.323

 26, 21.511,
247.323

 16, 21.511,
247.323

 6, 21.511, 247.323

 0, 21.511, 247.323

66, 21.511,
247.323

66, 21.511,
247.323

63, 26.365,
249.637

69, 16.336,
245.433

60, 30.872,
252.459

73, 10.885,
243.901

57, 35.034,
255.857

76, 5.208, 242.682

54, 38.897,
259.869

79, 0.647, 60.865

83, 6.638, 60.635

52, 42.563,
264.464

86, 12.725, 59.957

49, 46.207,
269.426

90, 18.520, 60.269

92, 19.382, 73.990

49, 46.624,
269.952

93, 21.242, 85.850

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 21.511, 247.323



65, 26.117, 58.093

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 21.511, 247.323



66, 21.511, 297.323



66, 21.511, 67.323



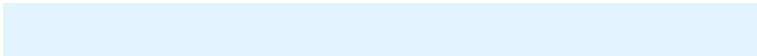
66, 21.511, 117.323

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 21.510, 247.321



95, 8.674, 243.047



73, 38.068, 153.617



50, 5.742, 243.205



0, 0.000, 0.000



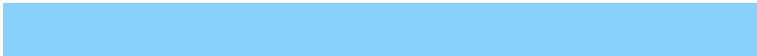
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 21.510, 247.321



81, 31.551, 249.346



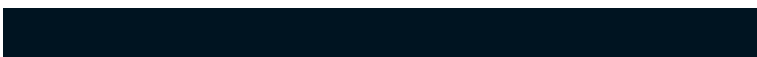
56, 37.754, 289.745



39, 3.294, 242.731



40, 39.890, 269.146



6, 11.309, 257.041

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



60, 38.452, 341.031



72, 57.076, 341.964



75, 35.228, 99.860



38, 5.525, 338.439



35, 62.512, 351.001



3, 17.095, 345.147

Previews

White Background



This preview shows how the CIELCh color 66, 21.511, 247.323 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 21.511, 247.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

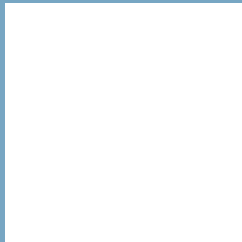
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 21.511, 247.323

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.511, 247.323.



This preview shows how white text looks on a background with the CIELCh color 66, 21.511, 247.323.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
66, 21.511, 247.323

Protanopia
66, 17.807, 286.425

Deuteranopia
66, 22.753, 291.661



Tritanopia
66, 18.690, 220.933

Trichromacy



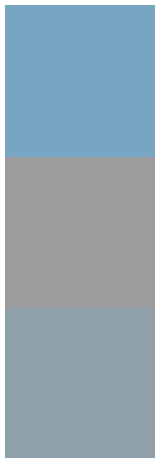
Original Color
66, 21.511, 247.323

Protanomaly
66, 18.261, 270.189

Deuteranomaly
66, 21.110, 276.658

Tritanomaly
66, 19.324, 231.521

Monochromacy



Original Color
66, 21.511, 247.323

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 8.177, 242.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.511, 247.323 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(119, 166, 195)` looks like.

```
.text, #text, p{  
    color:rgb(119, 166, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(119, 166, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 166, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.511, 247.323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 166, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(119, 166, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(119, 166, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 166, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 166, 195);  
box-shadow:4px 4px 4px 4px rgb(119, 166,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.511, 247.323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 166, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(119,  
166, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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